

MERCED COUNTY

2008 WMA Base Funding Work Plan

Merced County Agriculture Department
Member of Northern San Joaquin Valley WMA

A and B Rated Weed Eradication

January 1, 2009 – December 31, 2009

Counties covered by this proposal: Merced County

Group: Merced County Agriculture Department

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Project Manager:

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Affiliation:

Northern San Joaquin Valley WMA

Contracting:

There will be 1 contract with Merced County Agriculture Department

Objectives:

Eradication of the following A and B Rated Weeds in Merced County
South American Sponge Plant along 1.75 miles of the San Joaquin River and other areas
where Sponge Plants are found.
Capeweed on 1200 acs
Purple Mustard 4 sites
Purple Loosestrife - Along 13.3 miles of the Merced River

Staffing:

To accomplish these tasks we will be using 1 staff Biologist, 1 Integrated Pest
Management Specialist and 1 Pest Management Technician..
They will be trained in safe pesticide application techniques and GPS weed mapping.

Projects:

South American Sponge Plant

Eradicate all known infestations by either mechanical removal or herbicide treatments.
Survey adjacent areas both up and down stream for additional infestations

Capeweed

Mechanical removal with as much help as possible from the landowners
Herbicide treatments using both pre and post emergent herbicides such as (Roundup and Surflan)

Purple Mustard

Eradicate all known sites by mechanical removal and herbicide treatments
Survey for additional infestations
Do yearly follow-up surveys of each site to check for regrowth

Purple Loosestrife

Stop the spread and eradicate this noxious weed from all known infestations primarily by the use of herbicide treatments
Do additional survey for more infestations

Equipment needed:

2 Backpack Sprayers
Personal safety Gear
Herbicides Rodeo*, Roundup, 2,4-D, Habitat, Surflan
15 gallon sprayer for back of ATV*
ATV*
Boat, trailer and motor*
Vehicle to tow boat*
Hand tools for mechanical removal (shovels& hoes)
GPS unit
*These items will be contributed by the County

Mapping:

A map is available upon request, to see current weed locations.

Reporting:

A project report will be submitted at the completion of the contract, this report will include the following:
Net acres or # of plants treated
Gross area surveyed

Control tools utilized

% reduction in target pest

Photographs and maps for each species

Mapping will be done before treatment and after treatment